

Appl. No. 10/708,451
Amdt. Dated 06/28/2006
Reply to Office action of April 24, 2006

REMARKS/ARGUMENTS

This is in response to an Office action (final rejection) dated 04/24/2006. Applicant acknowledges the telephone conference with Examiner Nguyen on June 27th. The suggestions by the Examiner are incorporated in this amendment.

Status

Claims 1-3 and 11-27 are pending.
Claims 11 -20 are allowed.
Claims 1-3 and 21-27 are rejected.

Claim Objections

Claims 23, 24, 26, 27 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. More particularly,

In claim 23, it is unclear as to where "the standoff structure" comes from, "the standoff structure" lacks antecedent basis.

In claims 24, 26, 27, it is unclear as to how a (single) transistor could have multiple gate structures atop and beneath of the planar platform.

Some of these objections are moot, in light of amendments made herewith. (Claim 23, claim 25)

Regarding multiple gate structures (claims 24, 26, 27), refer for example to FIG. 11,

An example of a final transistor device structure is shown in FIG. 11, which is based on the structure shown in FIG. 10B. An advantage of this invention is that instead of the gate (130) controlling the channel from only one side, the gate (top gate 130, plus bottom gate 140, 142 or 144) completely surrounds the Si channel 106' from all sides. This results in significantly improved short channel effect control. The Si pedestal structure 106' ideally is about the same height and width or smaller than the gate dimension.

Claim Rejection(s) under 35 USC 102

Claims 1-3, 21-22, 24-27 are rejected under 35 U.S.C. 102(b) as being anticipated by Chan et al.

Claim 1 has been amended to incorporate the limitation of claim 24 and to distinguish over Chan, and should be allowed.

Dependent claims 2, 3, 21-23, and 25-27 depend upon base claim 1 and should also be allowable.

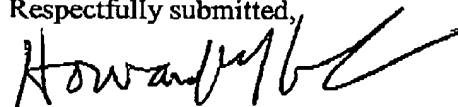
Claims 11-20 are allowed.

Appl. No. 10/708,451
Amdt. Dated 06/28/2006
Reply to Office action of April 24, 2006

Conclusion

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,



Howard M. Cohn
Registration No. 25,808

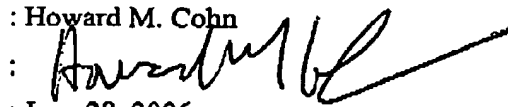
Howard M. Cohn
21625 Chagrin Blvd. Suite 220
Cleveland, OH 44122
Voice (216) 752-0955
Fax (216) 752-0957

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office (Fax No. 571-273-8300) on June 28, 2006.

Name of Person Signing Certificate : Howard M. Cohn

Signature :



Date of Person signing

: June 28, 2006

C:\Documents and Settings\Office\My Documents\IBM\IBM-109\ibm-109 AAF.doc